

CLAIMS

1. A data distributing apparatus comprising:
- 5 a first storing unit in which first identification data that is peculiar to equipment and second identification data corresponding to said first identification data have been stored;
- 10 a first transmitting/receiving unit for transmitting distribution request data of data together with said first identification data read out from said first storing unit and receiving the transmitted data;
- 15 a first data storing unit for storing the data received by said first transmitting/receiving unit;
- 20 a first signal processing unit for performing a decoding process to the data read out from said first data storing unit on the basis of said second identification data stored in said first storing unit;
- 25 a first control unit for performing an operation to allow the data received by said first transmitting/receiving unit to be stored into said first data storing unit and controlling the decoding processing operation by said first signal processing unit of the data read out from said first data storing unit;
- a second transmitting/receiving unit for receiving said first identification data and said distribution request data which were transmitted from

said first transmitting/receiving unit and transmitting the data;

5 a second data storing unit in which a plurality of data is stored and which outputs data corresponding to said distribution request data;

a second storing unit in which the second identification data corresponding to said transmitted first identification data has been stored;

10 a second signal processing unit for performing an enciphering process to the data outputted from said second data storing unit on the basis of the second identification data read out from said second storing unit; and

15 a second control unit for performing a reading control of said second identification data from said second storing unit on the basis of said distribution request data and said first identification data which were transmitted and performing a reading control of the data from said second data storing unit on the basis of said distribution request data,

20 wherein the data enciphered on the basis of said second identification data transmitted through said second transmitting/receiving unit is decoded by said first signal processing unit.

25 2. A data distributing apparatus according to claim 1, wherein accounting information is transmitted

by said second identification data stored in said first storing unit and performs a decoding process of an encryption performed by said enciphering data to the data decoded on the basis of the decoded enciphering data.

5. A data distributing apparatus according to claim 3, wherein said first control unit performs an accounting process on the basis of said enciphering data.

6. A data distributing apparatus according to claim 4, wherein said enciphering data has a data portion which dynamically changes, and said first control unit discriminates said dynamically changing data portion, at every predetermined time, in said enciphering data stored in said first data storing unit and transmitted together with the data from said second transmitting/receiving unit.

7. A data distributing apparatus according to claim 6, wherein said first control unit controls the reading operation of the data stored in said first data storing unit on the basis of a discrimination result of said dynamically changing data portion.

8. A data distributing apparatus according to

claim 7, wherein said first control unit inhibits the reading operation of at least the data from said first data storing unit when the discrimination result of said dynamically changing data portion indicates that said enciphering data is not correct.

9. A data distributing apparatus according to claim 4, wherein said enciphering data has a data portion which time-dependently changes, and said first control unit discriminates said time-dependently changing data portion, at every predetermined time, in said enciphering data stored in said first data storing unit and transmitted together with the data from said second transmitting/receiving unit.

10. A data distributing apparatus according to claim 9, wherein said first control unit controls the reading operation of the data stored in said first data storing unit on the basis of a discrimination result of said time-dependently changing data portion.

11. A data distributing apparatus according to claim 10, wherein said first control unit inhibits the reading operation of at least the data from said first data storing unit when the discrimination result of said time-dependently changing data portion indicates that a predetermined time has elapsed.

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12. A data distributing apparatus according to claim 4, further comprising a signal processing unit for further performing an enciphering process to the data decoded by said first signal processing unit on the basis of first identification data of a destination to which the data is to be moved when the data stored in said first data storing unit is moved.

13. A data distributing apparatus according to claim 12, wherein said first control unit deletes said enciphering data stored in said first data storing unit at a point when the movement of the data stored in said first data storing unit is finished.

14. A data distributing apparatus comprising:
at least one terminal equipment section having a first storing unit in which first identification data that is peculiar to equipment and second identification data corresponding to said first identification data have been stored, a first transmitting/receiving unit for transmitting distribution request data of data together with said first identification data read out from said first storing unit and receiving the transmitted data, a first data storing unit for storing the data received by said first transmitting/receiving unit, a first signal processing unit for performing a decoding

process to the data read out from said first data
storing unit on the basis of said second identification
data stored in said first storing unit, a first control
unit for performing an operation to allow the data
5 received by said first transmitting/receiving unit to
be stored into said first data storing unit and
controlling the decoding processing operation by said
first signal processing unit of the data read out from
said first data storing unit; and

10 a server apparatus section having a second
transmitting/receiving unit, connected to said terminal
equipment section through a transmission path, for
receiving said first identification data and said
distribution request data which were transmitted from
15 said first transmitting/receiving unit and transmitting
the data, a second data storing unit in which a
plurality of data is stored and which outputs data
corresponding to said distribution request data, a
second storing unit in which the second identification
20 data corresponding to said transmitted first
identification data has been stored, a second signal
processing unit for performing an enciphering process
to the data outputted from said second data storing
unit on the basis of the second identification data
25 read out from said second storing unit, and a second
control unit for performing a reading control of said
second identification data from said second storing

unit on the basis of said distribution request data and
said first identification data which were transmitted
and performing a reading control of the data from said
second data storing unit on the basis of said
5 distribution request data,

wherein the data enciphered on the basis of
said second identification data transmitted through
said second transmitting/receiving unit is decoded by
said first signal processing unit.

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15. A data distributing apparatus according to
claim 14, wherein accounting information is transmitted
from said first transmitting/receiving unit to said
second transmitting/receiving unit, and said second
control unit controls the reading operation of said
second identification data from said second storing
unit on the basis of said transmitted accounting
information.

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16. A data distributing apparatus according to
claim 14, further comprising enciphering processing
means for performing an enciphering process to the data
which is written into said second data storing unit on
the basis of said enciphering data, and wherein the
data enciphered by said enciphering processing means is
written into said second data storing unit, and when
the data is read out from said second data storing unit

on the basis of said distribution request data and transmitted from said second transmitting/receiving unit to said first transmitting/receiving unit, said enciphering data is enciphered by said second identification data by said second signal processing unit and transmitted together with the data read out from said second data storing unit.

17. A data distributing apparatus according to claim 16, wherein said first signal processing unit decodes the data transmitted from said second transmitting/receiving unit and said enciphering data by said second identification data stored in said first storing unit and performs a decoding process of an encryption performed by said enciphering data to the data decoded on the basis of the decoded enciphering data.

18. A data distributing apparatus according to claim 16, wherein said first control unit performs an accounting process on the basis of said enciphering data.

19. A data distributing apparatus according to claim 16, wherein said enciphering data has a data portion which dynamically changes, and said first control unit discriminates said dynamically changing

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data portion, at every predetermined time, in said enciphering data stored in said first data storing unit and transmitted together with the data from said second transmitting/receiving unit.

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20. A data distributing apparatus according to claim 19, wherein said first control unit controls the reading operation of the data stored in said first data storing unit on the basis of a discrimination result of said dynamically changing data portion.

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21. A data distributing apparatus according to claim 20, wherein said first control unit inhibits the reading operation of at least the data from said first data storing unit when the discrimination result of said dynamically changing data portion indicates that said enciphering data is not correct.

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22. A data distributing apparatus according to claim 16, wherein said enciphering data has a data portion which time-dependently changes, and said first control unit discriminates said time-dependently changing data portion, at every predetermined time, in said enciphering data stored in said first data storing unit and transmitted together with the data from said second transmitting/receiving unit.

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23. A data distributing apparatus according to claim 22, wherein said first control unit controls the reading operation of the data stored in said first data storing unit on the basis of a discrimination result of said time-dependently changing data portion.

24. A data distributing apparatus according to claim 23, wherein said first control unit inhibits the reading operation of at least the data from said first data storing unit when the discrimination result of said time-dependently changing data portion indicates that a predetermined time has elapsed.

25. A data distributing apparatus according to claim 16, further comprising a signal processing unit for further performing an enciphering process to the data decoded by said first signal processing unit on the basis of first identification data of another terminal equipment section of a destination to which the data is to be moved when the data stored in said first data storing unit is moved to said another terminal equipment section.

26. A data distributing apparatus according to claim 25, wherein said first control unit deletes said enciphering data stored in said first data storing unit at a point when the movement of the data stored in said

first data storing unit is finished.

27. A terminal apparatus for data distribution,
comprising:

5 a storing unit in which first identification
data that is peculiar to an apparatus and second
identification data corresponding to said first
identification data have been stored;

10 a data transmitting/receiving unit for
transmitting distribution request data of data together
with said first identification data read out from said
storing unit and receiving data which was enciphered by
said second identification data and transmitted;

15 *AS Cont* a data storing unit for storing the data
which was enciphered on the basis of said second
identification data and received by said data
transmitting/receiving unit;

20 a signal processing unit for performing a
decoding process to the data read out from said data
storing unit on the basis of said second identification
data stored in said storing unit; and

25 a control unit for performing the operation
to store the data received by said data
transmitting/receiving unit into said data storing unit
and controlling the decoding processing operation by
said signal processing unit of the data read out from
said data storing unit.

28. A terminal apparatus for data distribution according to claim 27, wherein the data received by said data transmitting/receiving unit and enciphering data serving as a source of encipherment performed to said data have been stored in said data storing unit, and said signal processing unit decodes the data read out from said data storing unit by said second identification data stored in said first storing unit and performs a decoding process of an encryption performed by said enciphering data to the data decoded on the basis of the decoded enciphering data.

29. A terminal apparatus for data distribution according to claim 28, wherein said control unit performs an accounting process on the basis of said enciphering data.

30. A terminal apparatus for data distribution according to claim 28, wherein said enciphering data has a data portion which dynamically changes, and said control unit discriminates said dynamically changing data portion, at every predetermined time, in said enciphering data stored in said data storing unit together with the data.

31. A terminal apparatus for data distribution according to claim 30, wherein said control unit

inhibits the reading operation of at least the data from said data storing unit when the discrimination result of said time-dependently changing data portion indicates that a predetermined time has elapsed.

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36. A terminal apparatus for data distribution according to claim 28, further comprising a signal processing unit for further performing an enciphering process to the data decoded by said signal processing unit on the basis of the first identification data of a destination to which the data is moved when the data stored in said data storing unit is moved,

37. A terminal apparatus for data distribution according to claim 36, wherein said control unit deletes said enciphering data stored in said data storing unit at a point when the movement of the data stored in said data storing unit is finished.